

Title (en)
One-way clutch

Title (de)
Einweg-Kupplung

Title (fr)
Embrayage à roue libre

Publication
EP 1275869 A1 20030115 (EN)

Application
EP 02015801 A 20020715

Priority
• JP 2001213629 A 20010713
• JP 2001213631 A 20010713
• JP 2001216956 A 20010717

Abstract (en)
A one-way clutch includes a retainer (1), a spring (2), and sprags (3) which are provided in pockets of the retainer and those of the spring in a pivotable manner and forced by tongue-like flaps formed in the spring in a direction in which the sprags (3) are to be locked. A peripheral maximum width (La) of an outer cam surface of the sprag (3) and a peripheral maximum width (Lb) of an inner cam surface are greater than a circumferential width (Lp) of the pocket of the retainer (1) . Further, a width (Lc) of the sprag (3) in the direction of inclination is made smaller than a circumferential width (Lp) of the pocket of the retainer (1). <IMAGE>

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F16D 41/07

IPC 8 full level
F16D 41/07 (2006.01)

CPC (source: EP KR US)
F16D 41/07 (2013.01 - EP KR US); **F16D 2041/0603** (2013.01 - EP)

Citation (search report)
• [X] US 4880093 A 19891114 - MESSAGE OLIVIER [FR]
• [A] US 2385799 A 19451002 - DODGE ADIEL Y

Cited by
DE102005047020A1; KR100628575B1

Designated contracting state (EPC)
DE FR GB

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EP 1275869 A1 20030115; EP 1275869 B1 20140702; KR 100628575 B1 20060926; KR 20030007160 A 20030123;
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